

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

if Known 10/501305

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

GTC-200 PCT/US

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Date

Considered

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number

107501305

Filing Date

7/9/04

First Named Inventor

William G. Gavin

Art Unit

Examiner Name

Sheet

2

of

5

Attorney Docket Number

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Alberio et al., Mammalian Oocyte Activation: Lessons from the Sperm and Implications for Nuclear Transfer, INT J DEV BIOL 2001; 45: 797-809	
		Alberio et al., Remodeling of Donor Nuclei, DNA Synthesis, and Ploidy of Bovine Cumulus Cell Nuclear Transfer Embryos: Effect of Activation Protocol. Mol Reprod Dev 2001; 59: 371-379.	
		Baguisi A, et al., Production of Goats by Somatic Cell Nuclear Transfer, NAT BIOTECH 1999; 17: 456-461	
		Booth et al., Effect of Two Activation Treatments and Age of Blastomere Karyoplasts on In Vitro Development of Bovine Nuclear Transfer Embryos, Mol Reprod Dev 2001; 60: 377-383.	
		Bondioli K, et al., Cloned Pigs from Cultured Skin Fibroblasts Derived from A H-Transferase Transgenic Boar, MOL REPROD DEV 2001; 60: 189-195	
		Bondioli KR, Westhusin ME And CR Loony, Production of Identical Bovine Offspring by Nuclear Transfer, THERIOGENOLOGY 1990; 33: 165-174	
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		Cibelli JB, et al., Cloned Transgenic Calves Produced From Nonquiescent Fetal Fibroblasts. SCIENCE 1998; 280: 1256-1258	
		Collas P, and Barnes FL., Nuclear Transplantation by Microinjection of Inner Cell Mass and Granulosa Cell Nuclei, MOL REPROD DEV. 1994 Jul;38(3):264-7	
		Collas P. Electrically Induced Calcium Elevation, Activation, and Parthenogenic Development of Bovine Oocytes. MOL REPROD 1993; 34: 212-223	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/501305
		Filing Date	7/9/04
		First Named Inventor	William G. Gavin
		Art Unit	
		Examiner Name	
Sheet 3 of 5	Attorney Docket Number	GTC-200 PCT/US	

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		Ducibella T., Biochemical and Cellular Insights Into the Temporal Window of Normal Fertilization, THERIO 1998: 49: 53-65	
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		Groupen CG, et al., Activation of In Vivo and In Vitro Derived Porcine Oocytes by Using Multiple Electrical Pulses, REPROD FERT DEV 1999; 11: 457-462	
		Kasinathan P, et al., Effect of Fibroblast Donor Cell Age and Cell Cycle on Development of Bovine Nuclear Transfer Embryos In Vitro, BIOL REPROD 2001; 64(5): 1487-1493	
		Kasinathan P, et al., Production of Calves from G1 Fibroblasts, NATURE BIOTECH 2001; 19: 1176-1178	
		Kato Y. et al., Cloning of Calves from Various Somatic Cell Types of Male and Female Adult, Newborn and Fetal Cows, J REPROD FERT 2000; 120: 231-237	
		Koo DB, et al., In Vitro Development Of Reconstructed Porcine Oocytes After Somatic Cell Nuclear Transfer. BIOL REPROD 2000; 63: 986-992	

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		Lai, L, et al., Feasibility of Producing Porcine Nuclear Transfer Embryos by Using G2/M-Stage Fetal Fibroblasts as Donors, BIOL REPROD 2001; 65: 1558-1564	
		Meng L, Ely JJ, Stouffer RL And DP Wolf, Rhesus Monkeys Produced by Nuclear Transfer, BIOL REPROD 1997; 57: 454-459	
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		Shiga et al., Production of Calves by Transfer of Nuclei from Cultured Somatic Cells Obtained from Japanese Black Bulls, Theriogenology, 1999, Vol. 52, pgs 527-535	
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		Stice SL and JM Robl, Nuclear Reprogramming in Nuclear Transplant Rabbit Embryo, BIOL REPROD 1988; 39(3): 657-64	
		Wakayama T, et al., Full Term Development of Mice from Enucleated Oocytes Injected with Cumulus Cell Nuclei, NATURE 1998; 394: 369-374	
		Wall RJ, et al., Transgenic Dairy Cattle: Genetic Engineering on a Large Scale, J DAIRY SCI. 1997 Sep;80(9):2213-24	

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		Wells DN, Misica PM And HR Tervit, Production of Cloned Calves Following Nuclear Transfer with Cultured Adult Mural Granulosa Cells, Biol Reprod 1999; 60: 996-1005	
		Willadsen SM, Nuclear Transplantation in Sheep Embryos, NATURE 1986; 320: 63-65	
		Wilmut I, et al., Viable Offspring Derived From Fetal and Adult Mammalian Cells. NATURE 1997; 385: 810-813	
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		Yong et al., Nuclear-Cytoplasmic Interaction and Development of Goat Embryos Reconstructed by Nuclear Transplantation: Production of Goats by Serially Cloning Embryos; Biol Reprod 1998; 58: 266-9	
		Zou X, et al., Production of Cloned Goats from Enucleated Oocytes Injected with Cumulus Cell Nuclei or Fused with Cumulus Cells, CLONING 2001; 3 (1): 31-37	

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